

**UTILITY PATENT  
APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

PHA2070 US

First Inventor

Lieven J. Stuyver

Express Mail Label No.

EV371443098US

Title

Compounds For the Treatment of *Flaviviridae* Infections**Application Elements**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:** Commissioner for Patents  
Mail Stop Patent Application  
PO BOX 1450  
Alexandria, VA 22313-14501. ☒ Fee Transmittal Form

(Submit an original, and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.

See 37 CFR 1.27

3. ☒ Specification

[Total Pages 86]

(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113)

[Total Pages 7]

## 5. Oath or Declaration

[Total Pages 2]

- a. ☐ Newly executed (original or copy)
- b. ☒ Unexecuted
- c. ☐ Copy from prior application (37 CFR 1.63(d))

(for continuation/divisional with Box 17 completed)

i. ☐ DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

## 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

## b. Specification Sequence Listing on:

- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper

c. ☐ Statement verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**9. ☐ Assignment Papers (cover sheet & document(s))10. ☐ 37 CFR 3.73(b) Statement

(when there is an assignee)

☐ Power of Attorney11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure Statement (IDS)/PTO-1449☐ Copies of IDS Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)

(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)

(if foreign priority is claimed)

16. ☐ Nonpublication Request under 35 U.S.C. 122

(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. ☒ Other: check for \$ 800.00

## 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

20786

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Firm or Individual Name

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Signature

*Sherry M. Knowles*

Date

March 29, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**FEE TRANSMITTAL**

This sheet accompanies a patent application transmittal for the following application:

Inventor(s): Lieven J. StuyverFiling Date: March 29, 2004Title: Compounds For the Treatment of Flaviviridae Infections

The filing fee is calculated as shown below:

**1. FILING FEE:**

SMALL ENTITY			LARGE ENTITY	
FOR:	FEE	FEE PAID	FEE	FEE PAID
<input checked="" type="checkbox"/> UTILITY FILING FEE	\$385.00	\$385.00	\$770.00	
<input type="checkbox"/> DESIGN FILING FEE	\$165.00		\$330.00	
<input type="checkbox"/> PLANT FILING FEE	\$255.00		\$510.00	
<input type="checkbox"/> REISSUE FILING FEE	\$370.00		\$740.00	
<input type="checkbox"/> PROVISIONAL FILING FEE	\$80.00		\$160.00	
SUBTOTAL (1)		\$385.00		

**2. CLAIMS:**

			SMALL ENTITY	LARGE ENTITY		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	70- 20 =	50	x \$9 =	\$ 450	48x \$18 =	
INDEP. CLAIMS	18 -3 =	15	x \$43 =	\$ 645	9x \$86 =	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			\$145.00=	\$	+\$290 =	
SUBTOTAL (2)				\$ 1095		

**3. ADDITIONAL FEES:**

SMALL ENTITY			LARGE ENTITY	
FOR:	FEE	FEE PAID	FEE	FEE PAID
<input type="checkbox"/> LATE FILING, FEE OR OATH	\$65		\$130	
<input type="checkbox"/> NON-ENGLISH SPECIFICATION	\$130		\$130	
<input type="checkbox"/> OTHER				
SUBTOTAL (3)		\$		

**TOTAL FILING FEES: \$** 1480.00A check is enclosed for the amount: \$ 800.00☒ Charge any additional fees required under 37 C.F.R. 1.16 or 1.17 to Deposit Account 11-0980.

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By: Sherry M. Knowles, Esq. Date: March 29, 2004

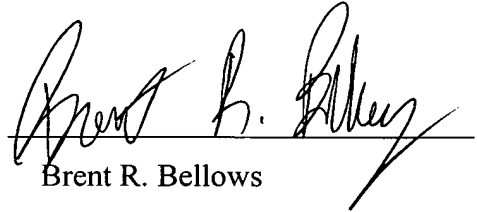
Sherry M. Knowles, Esq.

Reg. No. 33,052

## UTILITY PATENT APPLICATION FILING

### Certificate of Mailing Under 37 CFR 1.10

I hereby certify that this Utility Patent Application and Transmittal, along with any documents referred to as attached therein are being deposited with the United States Postal Service, on March 29, 2004, in an envelope as "Express Mail Post Office to Addresses" services under 37 CFR 1.10, Mailing Label Number **EV371443098US** addressed to Commissioner for Patents, Mail Stop Patent Application, PO BOX 1450, Alexandria, VA 22313-1450.



Brent R. Bellows

Date: March 29, 2004  
PHA2070 US